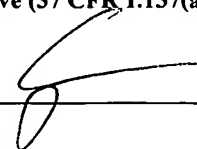


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<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER MERCK-3110
		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/558205</b>
INTERNATIONAL APPLICATION NO. PCT/EP2004/005538	INTERNATIONAL FILING DATE 24 May 2004 (24.05.2004)	PRIORITY DATE CLAIMED 27 May 2003 (27.05.2003)
TITLE OF INVENTION LIQUID-CRYSTALLINE COMPOUNDS		
APPLICANT(S) FOR DO/EO/US Peer KIRSCH, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <b>Items 11 to 20 below concern document(s) or information included:</b> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information:.		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/558205</b>		INTERNATIONAL APPLICATION NO. PCT/EP2004/005538		ATTORNEY'S DOCKET NUMBER MERCK-3110	
The following fees have been submitted				<b>CALCULATIONS    PTO USE ONLY</b>	
21.	<input checked="" type="checkbox"/> Basic national fee	<b>\$300</b>		<b>\$300.00</b>	
22.	<input checked="" type="checkbox"/> Examination fee	<b>\$200.00</b>			
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) <b>\$100</b>					
All other situations <b>\$200</b>					
23.	<input checked="" type="checkbox"/> Search fee	<b>\$500.00</b>			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an					
International Searching Authority <b>\$100</b>					
International Search Report prepared and provided to the Office <b>\$400</b>					
All other situations <b>\$500</b>					
<b>Total of 21, 22 and 23 =</b>				<b>\$1000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100	/50 =		x \$250	\$	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims		12- 20 =	0	x \$50	\$
Independent Claims		1- 3 =	0	x \$200	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1000.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1000.00</b>	
				<b>Amount to be refunded:</b>	\$
				<b>Amount to be charged:</b>	\$
a.	<input checked="" type="checkbox"/>	A check in the amount of <u>\$1000.00</u> to cover the above fees is enclosed.			
b.	<input type="checkbox"/>	Please charge my Deposit Account No. 13-3402 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.			
c.	<input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or creditany overpayment to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.			
d.	<input type="checkbox"/>	Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.			
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
 SIGNATURE <u>Anthony J. Zelano</u> NAME <u>27,969</u> REGISTRATION NUMBER					
Date: November 23, 2005					